journal of magnetism and magnetic materials

Author index to volume 117

Abu-Snaineh, T.A., see S.H. Mahmood 117 (1992) 393
Arzhnikov, A.K. and L.V. Dobysheva, The formation of the magnetic moments in disordered binary alloys of metal–metalloid type 117 (1992) 87
Aspelmeier, A., see U. Stetter 117 (1992) 183

Baberschke, K., see U. Stetter 117 (1992) 183
Bach, T.C., Reentrant ferromagnetism of the disordered square Ising spin-1/2 lattice in an external magnetic field 117 (1992) 126
Bader, S.D., see E.E. Fullerton 117 (1992) L301
Bahadur, D., see P. Brahma 117 (1992) 163
Balykina, E.A., E.A. Ganshina, G.S. Krinchik, A.Yu. Trifonov and I.O. Troyanchuk, Magneto-optical properties of new manganese oxide compounds 117 (1992) 259
Bansmann, J., M. Getzlaff, C. Westphal and G. Schönhense, Surface hysteresis curves of Fe(110) and Fe(100) crystals in ultrahigh vacuum – evidence of adsorbate influences 117 (1992) 38
Barak, J., see M.X. Huang 117 (1992) 195
Bartashevich, M.I., T. Goto, M. Yamaguchi and I. Yamamoto, High field magnetization of single-crystal γ-phase hydrides $HoCo_3H_{4.3}$ and $ErCo_3H_{4.2}$ 117 (1992) 405
Bażela, W., J. Leciejewicz, K. Małetka and A. Szytuła, Magnetic structure of TbAgSn and HoAgSn (*Letter to the Editor*) 117 (1992) L1
Belanger, D.P., see J. Wang 117 (1992) 356
Berkov, D.V., Theory of time-dependent magnetic phenomena for a fine-particle ensemble 117 (1992) 431
Bhagat, S.M., see M.X. Huang 117 (1992) 195
Blaise, A., see K. Tomala 117 (1992) 275
Bordin, G. and G. Buttino, Different structural morphologies of the two surfaces in some Co-based amorphous ribbons 117 (1992) 348
Brahma, P., A.K. Giri, D. Chakravorty, M. Roy and D. Bahadur, Magnetic properties of As_2O_3- and Sb_2O_3-doped Ba–M hexagonal ferrites prepared by the sol–gel method 117 (1992) 163
Bramwell, S.T., P.C.W. Holdsworth and D. Visser, The critical line of the 2-dimensional easy plane ferromagnet 117 (1992) 8
Buschow, K.H.J., see G.J. Long 117 (1992) 239
Buschow, K.H.J., see F.M. Mulder 117 (1992) 413
Buttino, G., A. Cecchetti, M. Poppi and G. Zini, Surface effects on the magnetic properties of nearly zero-magnetostriction amorphous ribbons subjected to nonuniform stresses 117 (1992) 69
Buttino, G., see G. Bordin 117 (1992) 348

Carrizo, J., see M. Tejedor 117 (1992) 141
Cecchetti, A., see G. Buttino 117 (1992) 69
Chakravorty, D., see P. Brahma 117 (1992) 163
Chantrell, R.W., see M. El-Hilo 117 (1992) 21
Chantrell, R.W., see M. El-Hilo 117 (1992) L307
Chen, N.-P., see Y.-Z. Shao 117 (1992) 83
Chuang, Y.C., see T. Zhao 117 (1992) 387
Coehoorn, R., see F.M. Mulder 117 (1992) 413
Coey, J.M.D., see B.-p. Hu 117 (1992) 225
Craus, M.L., see E. Rezlescu 117 (1992) 448

de Oliveira, N.A. and A.A. Gomes, Laves phase pseudobinaries: finite temperature properties 117 (1992) 169
de Oliveira, N.A. and A.A. Gomes, Functional integral approach to the rare-earth–transition-metal Laves phase intermetallic compounds 117 (1992) 175
de Witte, A.M., see M. El-Hilo 117 (1992) L307
Degro, J., P. Vojtaník, J. Filipensky and P. Duhaj, Influence of thermal treatment on the magnetic properties of Co- and Fe-based amorphous alloys 117 (1992) 251
Dietz, G., see F. Stein 117 (1992) 45
Dobysheva, L.V., see A.K. Arzhnikov 117 (1992) 87
Dolocan, E., see V. Dolocan 117 (1992) 133
Dolocan, V. and E. Dolocan, Curie temperatures of amorphous Fe–B–Si alloys 117 (1992) 133
Drulis, H., see W. Suski 117 (1992) 203
Duhaj, P., see J. Degro 117 (1992) 251
Dyakin, V.V., see B.V. Karpenko 117 (1992) 317

El-Hilo, M., K. O'Grady and R.W. Chantrell, The ordering temperature in fine particle systems 117 (1992) 21
El-Hilo, M., A.M. de Witte, K. O'Grady and R.W. Chantrell, The sweep rate dependence of coercivity in recording media (*Letter to the Editor*) 117 (1992) L307
Elk, K., see R. Hermann 117 (1992) 14

Elk, K. and R. Hermann, The transverse susceptibility of texturized polycrystals 117 (1992) 359
Erata, T., see E. Kita 117 (1992) 294

Felcher, G., see E.E. Fullerton 117 (1992) L301
Filipensky, J., see J. Degro 117 (1992) 251
Frait, Z. and D. Fraitová, Ferromagnetic resonance and antiresonance of amorphous and nanocrystalline $Fe_{73.5}Cu_1Nb_3Si_{16.5}B_6$ alloy 117 (1992) 353
Fraitová, D., see Z. Frait 117 (1992) 353
Fujiwara, H., see M. Kamiya 117 (1992) 232
Fukami, T., see Y. Nakaki 117 (1992) 287
Fullerton, E.E., J.E. Mattson, S.R. Lee, C.H. Sowers, Y.Y. Huang, G. Felcher, S.D. Bader and F.T. Parker, Non-oscillatory antiferromagnetic coupling in sputtered Fe/Si superlattices (*Letter to the Editor*) 117 (1992) L301

Gabay, A.M., see A.S. Lileev 117 (1992) 270
Gamari-Seale, H., see Ch.D. Routsi 117 (1992) 79
Ganshina, E.A., see E.A. Balykina 117 (1992) 259
García, J.A., see M. Tejedor 117 (1992) 141
Gaulin, B.D., see J. Wang 117 (1992) 356
Geshev, J., O. Popov, M. Mikhov, J.L. Sanchez Ll., N. Suarez and F. Leccabue, The Hopkinson effect in a $BaFe_{12}O_{19}$ fine particle system: demagnetization field effects 117 (1992) 190
Getzlaff, M., see J. Bansmann 117 (1992) 38
Giri, A.K., see P. Brahma 117 (1992) 163
Gomes, A.A., see N.A. de Oliveira 117 (1992) 169
Gomes, A.A., see N.A. de Oliveira 117 (1992) 175
Goto, T., see M.I. Bartashevich 117 (1992) 405
Grandjean, F., see G.J. Long 117 (1992) 239
Greneche, J.M., see N. Randrianantoandro 117 (1992) 93
Grössinger, R., see M. Katter 117 (1992) 419
Gu, S.-R., see Y.-Z. Shao 117 (1992) 83

Hara, K., see M. Kamiya 117 (1992) 232
Hashimoto, T., see M. Kamiya 117 (1992) 232
Hempel, K.A., see C. Sürig 117 (1992) 441
Henjes, K., Frictional torque in ferrofluids (*Letter to the Editor*) 117 (1992) L311
Hermann, R. and K. Elk, Determination of the nucleation field in polycrystalline hard magnetic materials 117 (1992) 14
Hermann, R., see K. Elk 117 (1992) 359
Hernando, A., Exchange interactions and coercitivity in multi-phase magnets 117 (1992) 154
Hilscher, G., see V. Nekvasil 117 (1992) 11
Holdsworth, P.C.W., see S.T. Bramwell 117 (1992) 8
Holland-Moritz, E., see V. Nekvasil 117 (1992) 11
Hu, B.-p., J.M.D. Coey, H. Klesnar and P. Rogl, Crystal structure, magnetism and ^{57}Fe Mössbauer spectra of ternary $RE_6Fe_{11}Al_3$ and $RE_6Fe_{13}Ge$ compounds 117 (1992) 225
Huang, M.X., J. Barak, S.M. Bhagat and J.L. Peng, Ground state of Er^{3+} in $ErBa_2Cu_3O_6$: an ESR study 117 (1992) 195
Huang, R.-W., see H.-S. Li 117 (1992) 29
Huang, Y.Y., see E.E. Fullerton 117 (1992) L301

Irkhin, V.Yu., M.I. Katsnelson and A.V. Trefilov, On the magnetic contribution to lattice properties of itinerant ferromagnets: the role of Van Hove electron spectrum singularities 117 (1992) 210
Itoh, K., see M. Kamiya 117 (1992) 232
Ivanov, B.A. and A.L. Sukstanskii, On magnetic relaxation in antiferromagnets 117 (1992) 102

Jackiewicz, E., see M. Kopcewicz 117 (1992) 219
Jacobs, T.H., see F.M. Mulder 117 (1992) 413
Janczak, J., see W. Suski 117 (1992) 203
Jayakumar, O.D., see S.K. Kulshreshtha 117 (1992) 33
Johri, U.C., R.M. Singru and K.N. Rai, Mössbauer studies of super sendust alloy 117 (1992) 145
Jostarndt, H.-D., see V. Nekvasil 117 (1992) 11
Jurek, K., see K. Závěta 117 (1992) 61

Kajitani, T., K. Nagayama and T. Umeda, Microstructure of Cu-added Pr–Fe–B magnets: Crystallization of antiferromagnetic $Pr_6Fe_{13}Cu$ in the boundary region 117 (1992) 379
Kamiya, M., K. Hara, K. Itoh, K. Okamoto, T. Hashimoto and H. Fujiwara, Magnetic analysis of the stress in nickel films obliquely deposited by sputtering 117 (1992) 232
Karpenko, B.V., A.V. Kuznetsov and V.V. Dyakin, On the theory of the magnon spectrum in EuTe 117 (1992) 317
Katsnelson, M.I., see V.Yu. Irkhin 117 (1992) 210
Katter, M., J. Wecker, C. Kuhrt, L. Schultz and R. Grössinger, Magnetic properties and thermal stability of $Sm_2Fe_{17}N_x$ with intermediate nitrogen concentrations 117 (1992) 419
Kawano, Y., see Y. Nakaki 117 (1992) 287
Kita, E., M. Ochi, T. Erata and A. Tasaki, Magnetic properties of Fe/fluorides (CaF_2, LiF) multilayered thin films 117 (1992) 294
Klesnar, H., see B.-p. Hu 117 (1992) 225
Kmieć, R., see K. Tomala 117 (1992) 275
Kononenko, O.V., V.N. Matveev, A.O. Titov, P.V. Zhorin, Yu.A. Lisovsky and A.M. Umpelev, Magnetic properties of amorphous films of $Tb_x(Fe_{1-y}Co_y)_{1-x}$ alloys for magneto-optical information recording 117 (1992) 119
Kopcewicz, M., E. Jackiewicz and T. Kulik, Mössbauer study of the structure and stability of amorphous $Fe_{77.5-x-y}M_xN_ySi_{13.5}B_9$ alloys 117 (1992) 219

Kornyushin, Y., Extension of the Clausius–Mossotti approximation intended for the granular superconductors 117 (1992) 5
Krinchik, G.S., see E.A. Balykina 117 (1992) 259
Kuhrt, C., see M. Katter 117 (1992) 419
Kulasekere, R., see G.J. Long 117 (1992) 239
Kulik, T., see M. Kopcewicz 117 (1992) 219
Kulshreshtha, S.K., O.D. Jayakumar and R. Sasikala, Hydrogen-induced spin reorientation in $TbFe_2H_x$ system 117 (1992) 33
Kuznetsov, A.V., see B.V. Karpenko 117 (1992) 317

Leccabue, F., see J. Geshev 117 (1992) 190
Leciejewicz, J., see W. Bażela 117 (1992) L1
Lee, S.R., see E.E. Fullerton 117 (1992) L301
Li, H.-S. and R.-W. Huang, Magnetization spin reorientation and crystalline electric field coefficients of RCo_5 (R = Pr, Nd, Tb, Dy and Ho) compounds 117 (1992) 29
Lileev, A.S., V.P. Menushenkov and A.M. Gabay, Thermal remagnetization in permanent magnets 117 (1992) 270
Lisovsky, Yu.A., see O.V. Kononenko 117 (1992) 119
Liu, T.-s. and G.-z. Wei, Spin wave in an aperiodic ferromagnet 117 (1992) 75
Long, G.J., R. Kulasekere, O.A. Pringle, F. Grandjean and K.H.J. Buschow, A comparison of the Mössbauer effect spectra of $R_2Fe_{14}B$ and $R_2Fe_{14}C$ 117 (1992) 239

Mahmood, S.H., A.S. Saleh and T.A. Abu-Snaineh, Mössbauer spectroscopy of the alloy system $CuAl_{1-x}Fe_x$ 117 (1992) 393
Małetka, K., see W. Bażela 117 (1992) L1
Mattson, J.E., see E.E. Fullerton 117 (1992) L301
Matveev, V.N., see O.V. Kononenko 117 (1992) 119
Menushenkov, V.P., see A.S. Lileev 117 (1992) 270
Mikhov, M., see J. Geshev 117 (1992) 190
Mulder, F.M., R.C. Thiel, R. Coehoorn, T.H. Jacobs and K.H.J. Buschow, ^{155}Gd Mössbauer effect and magnetic properties of $Gd_2Co_{17}N_x$ 117 (1992) 413

Nagayama, K., see T. Kajitani 117 (1992) 379
Nakaki, Y., Y. Toide, Y. Kawano, T. Tokunaga, T. Fukami and K. Tsutsumi, Stability of the interface wall in overwrite exchange-coupled multilayer films 117 (1992) 287
Nekvàsil, V., E. Holland-Moritz, H.-D. Jostarndt, U. Walter and G. Hilscher, Crystal-field phenomena in $PrBa_2Cu_3O_6/O_7$ compounds 117 (1992) 11
Neogy, D., see T. Purohit 117 (1992) 399
Nielsen, O.V., see K. Závěta 117 (1992) 61

O'Grady, K., see M. El-Hilo 117 (1992) 21
O'Grady, K., see M. El-Hilo 117 (1992) L307
Ochi, M., see E. Kita 117 (1992) 294
Okamoto, K., see M. Kamiya 117 (1992) 232

Parker, F.T., see E.E. Fullerton 117 (1992) L301
Pasnicu, C., see E. Rezlescu 117 (1992) 448
Peng, J.L., see M.X. Huang 117 (1992) 195
Popa, D.P., see E. Rezlescu 117 (1992) 448
Popov, O., see J. Geshev 117 (1992) 190
Poppi, M., see G. Buttino 117 (1992) 69
Pringle, O.A., see G.J. Long 117 (1992) 239
Purohit, T., D. Neogy and R.K. Saha, Single crystal magnetic properties and crystal field investigation of $Ho(BrO_3)_3 \cdot 9H_2O$ 117 (1992) 399

Rai, K.N., see U.C. Johri 117 (1992) 145
Randrianantoandro, N., J.M. Greneche and F. Varret, Surface and bulk crystallization mechanisms in the Metglas $Fe_{78}B_{13}Si_9$ investigated by Mössbauer spectroscopy 117 (1992) 93
Rezlescu, E., N. Rezlescu, C. Pasnicu, M.L. Craus and D.P. Popa, The influence of additives on the properties of Ni–Zn ferrite used in magnetic heads 117 (1992) 448
Rezlescu, N., see E. Rezlescu 117 (1992) 448
Rogl, P., see B.-p. Hu 117 (1992) 225
Routsi, Ch.D., J.K. Yakinthos and H. Gamari-Seale, Magnetic characteristics of some RNiSn (R = Ce, Pr, Nd, Sm) and RRhSn (R = Ce, Pr, Nd) compounds 117 (1992) 79
Roy, M., see P. Brahma 117 (1992) 163

Saha, R.K., see T. Purohit 117 (1992) 399
Saleh, A.S., see S.H. Mahmood 117 (1992) 393
Sanchez, J.P., see K. Tomala 117 (1992) 275
Sanchez Ll., J.L., see J. Geshev 117 (1992) 190
Sasikala, R., see S.K. Kulshreshtha 117 (1992) 33
Scheludko, N., Spin reorientation in $R_2Co_{16.5}Zr_{0.5}$ (R = misch-metal) compound 117 (1992) 138
Schönhense, G., see J. Bansmann 117 (1992) 38
Schultz, L., see M. Katter 117 (1992) 419
Schumacher, F., see C. Sürig 117 (1992) 441
Shao, Y.-Z., S.-R. Gu and N.-P. Chen, Soft magnetic properties and brittleness of boron-doped Sendust alloy 117 (1992) 83
Singru, R.M., see U.C. Johri 117 (1992) 145
Slonczewski, J.C., Theory of surface anisotropy and coercivity in ferrimagnetic γ-Fe_2O_3 117 (1992) 368
Sowers, C.H., see E.E. Fullerton 117 (1992) L301
Stein, F. and G. Dietz, A critical discussion of some models for the concentration dependence of magnetic moments in amorphous and microcrystalline alloys of Fe, Co or Ni with P 117 (1992) 45

Stetter, U., A. Aspelmeier and K. Baberschke, The initial ac susceptibility of Gd/W(110) films in UHV: a new method to investigate magnetism in ultrathin films 117 (1992) 183
Suarez, N., see J. Geshev 117 (1992) 190
Sukstanskii, A.L., see B.A. Ivanov 117 (1992) 102
Sun, X.K., see T. Zhao 117 (1992) 387
Sürig, C., K.A. Hempel and F. Schumacher, Microwave absorption in single-domain particles involving first- and second-order uniaxial magnetic anisotropy constant 117 (1992) 441
Suski, W., F.G. Vagisov, H. Drulis, J. Janczak and K. Wochowski, Structure, magnetic properties and ^{57}Fe Mössbauer effect in $UFe_{10}Si_{1.75}Mo_{0.25}$ intermetallic compound 117 (1992) 203
Szytuła, A., see W. Bażela 117 (1992) L1

Tasaki, A., see E. Kita 117 (1992) 294
Tejedor, M., J.A. García and J. Carrizo, Influence of thickness and roughness on the anisotropy of as-quenched Co-based amorphous magnetic ribbons 117 (1992) 141
Thiel, R.C., see F.M. Mulder 117 (1992) 413
Titov, A.O., see O.V. Kononenko 117 (1992) 119
Toide, Y., see Y. Nakaki 117 (1992) 287
Tokunaga, T., see Y. Nakaki 117 (1992) 287
Tomala, K., A. Blaise, R. Kmieć and J.P. Sanchez, Magnetic properties of $DyIr_2Si_2$(I) from Mössbauer spectroscopy and magnetisation measurements 117 (1992) 275
Trefilov, A.V., see V.Yu. Irkhin 117 (1992) 210
Trifonov, A.Yu., see E.A. Balykina 117 (1992) 259
Troyanchuk, I.O., see E.A. Balykina 117 (1992) 259
Tsutsumi, K., see Y. Nakaki 117 (1992) 287

Umeda, T., see T. Kajitani 117 (1992) 379
Umpelev, A.M., see O.V. Kononenko 117 (1992) 119

Vagisov, F.G., see W. Suski 117 (1992) 203
Varret, F., see N. Randrianantoandro 117 (1992) 93
Visser, D., see S.T. Bramwell 117 (1992) 8
Vojtaník, P., see J. Degro 117 (1992) 251

Walter, U., see V. Nekvasil 117 (1992) 11
Wang, J., D.P. Belanger and B.D. Gaulin, Specific heat of $CsMnBr_3$ and holmium: $n = 2$, $d = 3$ chiral universality 117 (1992) 356
Wecker, J., see M. Katter 117 (1992) 419
Wei, G.-z., see T.-s.Liu 117 (1992) 75
Westphal, C., see J. Bansmann 117 (1992) 38
Wochowski, K., see W. Suski 117 (1992) 203

Yakinthos, J.K., see Ch.D. Routsi 117 (1992) 79
Yamaguchi, M., see M.I. Bartashevich 117 (1992) 405
Yamamoto, I., see M.I. Bartashevich 117 (1992) 405

Závěta, K., O.V. Nielsen and K. Jurek, A domain study of magnetization processes in a stress-annealed metallic glass ribbon for fluxgate sensors 117 (1992) 61
Zhang, Z.-d., see T. Zhao 117 (1992) 387
Zhao, T., Z.-d. Zhang, X.K. Sun and Y.C. Chuang, A low-field peak emerging in the second derivative of the magnetization curve in a two-sublattice system 117 (1992) 387
Zhorin, P.V., see O.V. Kononenko 117 (1992) 119
Zini, G., see G. Buttino 117 (1992) 69

journal of magnetism and magnetic materials

Subject index to volume 117

Actinides 117 (1992) 203
Amorphous systems 117 (1992) 45, 61, 69, 119, 141, 219, 251, 348, 353
– Metglas 117 (1992) 93
– TM–metalloid alloys 117 (1992) 133
Anisotropy 117 (1992) 93, 307
– films 117 (1992) 183, 232
– magnetocrystalline 117 (1992) 29, 138, 317, 387, 413, 419
– planar 117 (1992) 8
– ribbons 117 (1992) 141
– stress induced 117 (1992) 232
– surface 117 (1992) 141, 348, 353, 368
– thin films 117 (1992) 294
– uniaxial 117 (1992) 431, 441
Antiferromagnetic coupling 117 (1992) 301
Antiferromagnetism 117 (1992) 102, 275, 317, 379, 405

Band structure 117 (1992) 45, 413

Chiral universality 117 (1992) 356
Coercivity 117 (1992) 154, 163, 251, 270, 287, 307, 359, 368, 379
Crystal fields 117 (1992) 11, 29 195, 399
Crystal structure 117 (1992) 1, 145, 225, 259
Crystallization 117 (1992) 93
Curie temperature 117 (1992) 141, 203
– concentration-dependent 117 (1992) 133
– measurements 117 (1992) 133

Degeneracies 117 (1992) 368
Demagnetization 117 (1992) 5, 190
Density of states 117 (1992) 75, 169, 210
Disorder 117 (1992) 169
Domain 117 (1992) 183
– structure 117 (1992) 14, 61, 154, 270
– wall motion 117 (1992) 61, 307, 359
– walls 117 (1992) 102, 154

Electrical resistivity 117 (1992) 448
Electron-spin resonance 117 (1992) 195
Electronic structure 117 (1992) 275
Exchange 117 (1992) 154, 175, 317
– interlayer 117 (1992) 287
– intersublattice 117 (1992) 387
– RKKY 117 (1992) 1

Ferrites 117 (1992) 163, 190, 368, 441, 448
Ferrofluids 117 (1992) 311
Ferromagnetic resonance 117 (1992) 353, 441
Ferromagnetism 117 (1992) 8
Fine particles 117 (1992) 21, 190, 431, 441
First-order transition 117 (1992) 126

g-factor 117 (1992) 353
Grain boundaries 117 (1992) 154, 379
Ground states 117 (1992) 195

Hall effect 117 (1992) 348
Heat capacity 117 (1992) 11, 399
Hopkinson effect 117 (1992) 190
Hyperfine fields 117 (1992) 87, 239, 393, 399
Hysteresis loops 117 (1992) 38, 61, 119, 163, 287
– Kerr 117 (1992) 301

Impurity effects 117 (1992) 87
Information storage
– magnetic particles 117 (1992) 441
– magnetic recording heads 117 (1992) 83, 448
– magnetic recording media 117 (1992) 287, 294, 307, 431
– magneto-optical recording media 117 (1992) 119, 259, 287
Intermetallic compounds
– transition metal 117 (1992) 169
Ising model 117 (1992) 126

Itinerant electrons 117 (1992) 175
– ferromagnetism 117 (1992) 210

Kerr effect 117 (1992) 259
Kondo effect 117 (1992) 79

Laves phase compounds 117 (1992) 169
Long range order 117 (1992) 393
Low-dimensional systems 117 (1992) 8

Magnetic moments
– calculated 117 (1992) 5, 45
– concentration-dependent 117 (1992) 45
– formation 117 (1992) 87
Magnetic ordering 117 (1992) 1, 21, 79, 87
Magnetic ordering temperatures 117 (1992) 21
Magnetic phase diagrams 117 (1992) 119
Magnetic structures 117 (1992) 1, 225, 239

Magnetization 117 (1992) 75
– concentration-dependent 117 (1992) 87
– high-field 117 (1992) 405
– processes 117 (1992) 14, 38, 61, 126, 138, 203, 270, 275, 387, 419
– reversal 117 (1992) 270
– saturation 117 (1992) 203, 431
– temperature-dependent 117 (1992) 163, 169, 175

Magneto-optics 117 (1992) 259
Magnetoelastics 117 (1992) 210
Magnetostriction 117 (1992) 61, 69, 141, 219
Magnetovolume effects 117 (1992) 210
Magnons 117 (1992) 75, 102, 317

Microstructure 117 (1992) 154, 232, 270, 379
Microwave absorption 117 (1992) 441
Monte Carlo simulation 117 (1992) 8
Mössbauer spectroscopy 117 (1992) 145, 219, 225, 239, 275, 294, 393, 413
– actinides 117 (1992) 203
– Metglas 117 (1992) 93
– RE–TM compounds 117 (1992) 33

Neutron diffraction 117 (1992) 1
– inelastic 117 (1992) 11
– quasi-elastic 117 (1992) 8

Permanent magnets 117 (1992) 14, 29, 239, 270, 379
Permeability 117 (1992) 69, 83, 133, 145
– initial 117 (1992) 348, 448

Phase transitions
– magnetic 117 (1992) 225, 356, 405

Quantum-spin-wave method 117 (1992) 317

Rapid quenching technology 117 (1992) 348
Rare earth 117 (1992) 183
– alloys 117 (1992) 119
– compounds 117 (1992) 1, 11, 79, 195, 259, 275, 317, 399

Rare earth–transition metal compounds 117 (1992) 29, 138, 175, 225, 239, 379, 387
– interstitial hydrides 117 (1992) 33, 405
– interstitial nitrides 117 (1992) 413, 419
– single crystals 117 (1992) 405
Re-entrant ferromagnetism 117 (1992) 126
Relaxation 117 (1992) 102, 251, 311, 353

Sendust alloy 117 (1992) 83, 145
Short-range order 117 (1992) 45, 219
Specific heat 117 (1992) 356
Spin reorientation 117 (1992) 29, 33, 138

Spin waves
– antiferromagnetic 117 (1992) 102
– theory 117 (1992) 75
Stoner–Wohlfarth model 117 (1992) 359
Stress effects 117 (1992) 61, 69, 232

Sublattice moment 117 (1992) 75
Superconductors 117 (1992) 5, 11
– high-T_c 117 (1992) 195
Superlattices 117 (1992) 301
Superparamagnetism 117 (1992) 393
Surface magnetism 117 (1992) 38, 93, 348
Surface roughness 117 (1992) 38
Susceptibility
– ac 117 (1992) 183
– anisotropic 117 (1992) 14
– initial 117 (1992) 21, 183, 251
– transverse 117 (1992) 359

Texture 117 (1992) 359
Thermal remagnetization 117 (1992) 270
Thermal stability 117 (1992) 419
Thin films 117 (1992) 119, 232
– multilayer 117 (1992) 287, 294
– ultra-thin 117 (1992) 183

Valence fluctuations 117 (1992) 79
Viscosity 117 (1992) 311

X-ray diffraction 117 (1992) 301